



REMARKS

Claims 61-75 are newly added. Support for new claims 61-64 is found, e.g., at page 36, line 15 through page 37, line 24; support for new claims 65-67 is found, e.g., at page 3, lines 7-17, and page 4, lines 3-7; support for new claims 68-72 is found, e.g., at page 37, line 25 through page 38, line 11; and support for new claims 72-75 is found, e.g., at page 3, lines 7-17, and page 4, lines 3-7. No new matter has been added. Applicants respectfully request that all claims be considered.

Claim 60 has been rejected as being anticipated by Chesley et al., U.S. Patent No. 5,505,747 ("Chesley"). Apparently the Examiner believes that Chesley describes the structure necessarily implied by claim 60. Applicants respectfully submit that Chesley does not describe the structure implied by claim 60, and respectfully request reconsideration for at least the following reasons.

Claim 60 is directed to an abrasive sheet product, e.g., a sanding sheet for a rotary floor sander, including a sheet-form base having an array of fastener elements integrally molded with the base on a first side thereof, and abrasive particles extending from a substrate which is laminated to a second side thereof. Claim 60 requires, in pertinent part, that the abrasive sheet product be formed by a process that includes passing *a substrate having extending abrasive particles* through a nip with a molten resin such that *a resilient surface of the pressure roll (2')* *conforms in the vicinity of the abrasive particles (212) to protect the abrasive particles* as they pass through a nip defined between the mold roll and pressure roll. Applicants' FIGS. 31 and 32 are reproduced below.

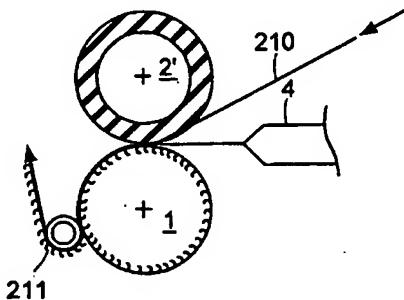


FIG. 31

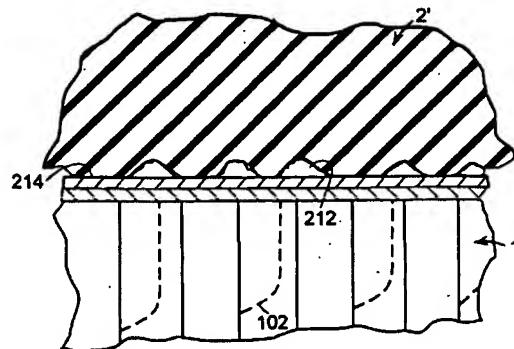
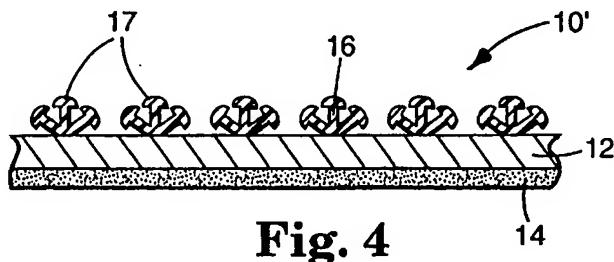
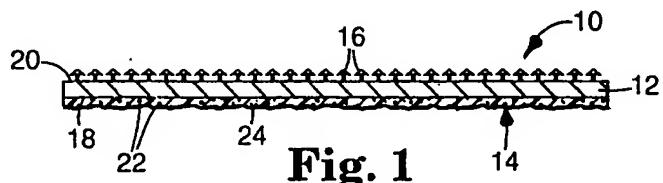


FIG. 32

Thus, claim 60 defines an abrasive sheet product in which abrasive particles *extend from a substrate*. This is in contrast to the disclosure of Chesley. Chesley describes an abrasive article (10 or 10') which includes a substrate (12) having a first and second major surfaces (18) and (20). First major surface (18) includes abrasive means (14) for abrading a surface. In Chesley, the abrasive particles (22) are dispersed *within* a bonding layer (24), and do not extend from the substrate (see col. 4, lines 5-10), so as to be protected by conformation of a resilient roll. This is shown in FIGS. 1 and 4, which are reproduced below.



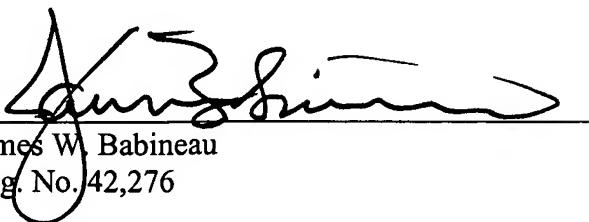
Applicants' particles are immediately available to do work abrading a surface because, as molded, Applicant's abrasive particles *extend from the substrate*. Applicants submit that Chesley does not disclose or even suggest an abrasive sheet product in which abrasive particles *extend from the substrate*, nor would any of Chesley's methods produce such a product. Therefore, Applicants respectfully submit that claim 60, and all claims that depend therefrom are in condition for allowance. Indeed, Applicants respectfully submit all claims are in condition for allowance.

Enclosed is a \$120.00 check for the Petition for Extension of Time fee. Please apply any other charges or credits to deposit account 06-1050, referencing Attorney Docket No. 05918-071004.

Applicants: Andrew C. Harvey et al.  
Serial No. : 10/720,739  
Filed : November 24, 2003  
Page : 7 of 7

Attorney Docket No.: 05918-071004 / 3782 (DIV2)

Respectfully submitted,

  
\_\_\_\_\_  
James W. Babineau  
Reg. No. 42,276

Date: January 30, 2006

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

21239753.doc